

AMENDMENTS TO THE SPECIFICATION

Please note that, unless otherwise specifically noted, strike-through and underlining has been made in comparison to the preliminary amendment filed February 8, 2002. Also, unless otherwise specifically noted, within this Amendments to the Specification section, all references to page, paragraph, and line numbers are references to page, paragraph, and line numbers within the preliminary amendment filed February 8, 2002.

Please replace paragraph 2 of page 4, which begins on line 11, with the following paragraph:

As shown in Figs. 3, 4, 5, and 10, the tabs 42 are not in contact with heat transfer tube 16. The baffle plate 40 is located and angled within transfer tube 16, and each of the plurality of tabs 42 on baffle plate 40 have a length and angle which positions tabs 42 relative to heat transfer tube 16 so the tabs 42 are not in contact with heat transfer tube 16. [No structure is shown in this application which prevents the heated gas from flowing between the end of each tab 42 and the portion of heat transfer conduit 16 most closely adjacent to the end of each tab 42.] As discussed above, the increased turbulence of flow within heat transfer tube 16 caused by the invented baffle plate improves and enhances heat transfer from the hot gases through heat transfer tube 16 into the vat containing shortening of the deep fat fryer system.

Please replace paragraph 2 of page 5, which begins on line 8, with the following paragraph:

As shown in Figs. 3 and 6-9, each row of tabs 42, holes 58 and tab/hole pairs may be comprised of at least two tabs, two holes or two tab/hole pairs, or at least three tabs, three holes and three tab/hole pairs, or at least four tabs, four holes and four tab/hole pairs. [No limit to the number of tabs, holes or tab/hole pairs in a row is shown.]

Please replace paragraph 4 of page 5, which begins on line 18, with the following paragraph:

As shown in Figs. 3-5 and 7-10, the relationship of tabs 42 on the baffle plate 40 is to generally present alternating sizes, arrangements and angles to the flowing heated gas and alternating from extending from first surface 43 and then second surface 45 [, for the purpose of increasing turbulence]. Some rows are presented in which tabs 42 alternately extend from the first side and second side. As shown in the figures, tabs 42 are presented which extend from the first surface of the tab preceding it (from the point of view of the flowing heated gas of Fig. 3) extend from the second surface and vice versa.